

**BACCALAURÉAT GENERAL
EPREUVE SPECIFIQUE DES SECTIONS EUROPENNES
MATHEMATIQUES – ANGLAIS**

SUJET 15

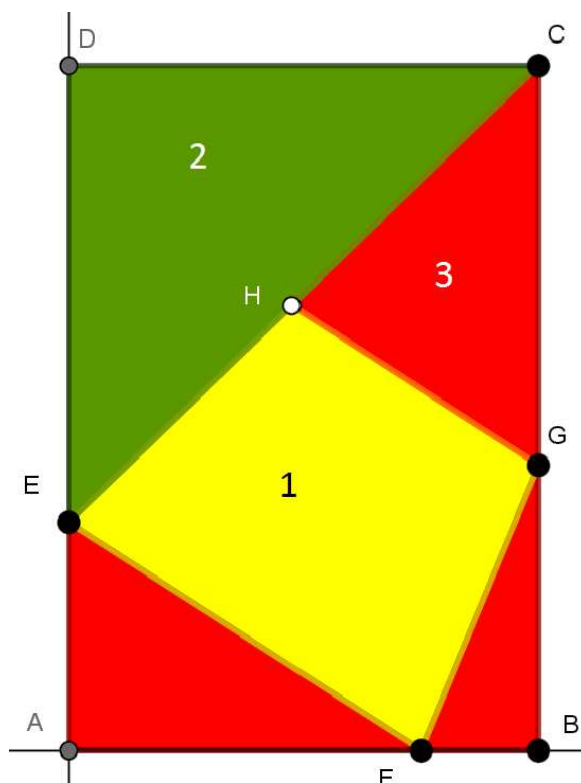
**Fundraising Game
Thème : Mathématiques et jeux**

Sujet comportant une page. L'usage de tout modèle de calculatrice, avec ou sans mode examen est autorisé.

You have been asked to finish the details of a fund-raising¹ game in which a computer moves an American dollar sign (\$) every five milliseconds randomly inside the rectangle shown on the right. The dollar sign is never stopping on borders.

Once the game has started, the player stops the game by pressing a button, stopping the dollar sign from moving again.

Imagine rules for a game in order to win money.



¹ Fund-raising : generating financial support for a charity or a cause.